

Attorney's Docket No.: 12754-143001 / 2001P07507US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stefan J. Burmeister Art Unit : 2882
Serial No. : 09/800,543 Examiner : Chih Cheng G. Kao
Filed : March 6, 2001 Confirmation No.: 4163
Notice of Allowance Date:
Title : TWIN VCSEL ARRAY FOR SEPARATE MONITORING AND COUPLING OF
OPTICAL POWER INTO FIBER IN AN OPTICAL SUBASSEMBLY

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Commissioner for Patents
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COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Applicant does not concede that the Examiner's stated reasons for allowance are the only reasons for which the claims are allowable. In particular, Applicant does not concede that all of the identified limitations – i.e., exactly one second Vertical Cavity Surface Emitting Laser (VCSEL) having a second optical power output that is proportional to but substantially different from a first optical power output of exactly one first VCSEL, and monitoring the second optical power output of the second VCSEL to provide an indication of the first optical power output (claims 1, 27); exactly one first VCSEL in a can providing light directed towards an optical window and exactly one second VCSEL mounted in the can providing light directed towards a monitoring diode and having a second optical power output that is proportional to but substantially different from a first optical power output of the first VCSEL (claim 18); a second VCSEL having a second optical power output that is proportional to but substantially different from a first optical power output, and mounting a VCSEL array and means for monitoring optical power output of the second VCSEL in a TO can (claim 22); or monitoring a first optical power output of exactly one first VCSEL by separately monitoring a second optical power output

CERTIFICATE OF TRANSMISSION BY FACSIMILE

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of exactly one second VCSEL coupled in parallel therewith, the second optical power output being proportional to but substantially different from the first optical power output (claim 29) – are necessary to distinguish the prior art of record. Furthermore, the claims may be patentable for other reasons. In addition, Applicant notes that the dependent claims may also be allowable on their own merits.

Respectfully submitted,

Date: 09-14-04



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